IN THE UNITED STATES PATENT AND TRADEMARK OFFICE 20 JUL 2006

Applicants: AZUMA, et al.

Serial No.:

Not Yet Assigned

Filed:

July 20, 2006

Title:

Ultrasonic Imaging Device

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97 & 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

July 20, 2006

Sir:

In the matter of the above-identified application, applicants are submitting herewith a copy of the documents, except for the US patent document listed in the attached form equivalent to Form(s) PTO/SB/08A and/or PTO/SB/08B for the Examiner's consideration.

This information disclosure statement is being submitted with the new application.

Each of the documents listed on the attached form equivalent to Form(s) PTO/SB/08A and/or PTO/SB/08B is in the English language.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including excess claim fees, to Deposit Account No. 01-2135 (520.46411X00), and please credit any excess fees to such deposit account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

Melvin Kraus

Registration No. 22,466

MK/aam 1300 North Seventeenth Street Suite 1800 Arlington, VA 22209 Telephone: (703) 312-6600

Fax: (703) 312-6666

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

	e for form 1449A/PTO			Complete if Known		
				Application Number		
l	NFORMATION DISC	LOS	URE	Filing Date	July 20, 2006	
	STATEMENT BY API	PLIC	ANT	First Named Inventor	Takashi AZUMA et al.	
				Art Unit		
(iiea ae manv chaate ae naraeearv)				Examiner Name		
Sheet	1	of	2	Attorney Docket Number	520.46411X00	

			U.S. PATENT I	DOCUMENTS	
Examiner Initials'	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 6,095,980	08/01/2000	BURNS et al.	
		US-			•
		US-			

FOREIGN PATENT DOCUMENTS							
Examiner Initials'	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т	
		JP 08-000628	01-09-1996	HITACHI MEDICAL CORP			
		JP 2001-061841	03-13-2001	TOSHIBA CORP			
		JP 2003-038490	02-12-2003	VOVASONICS INC			

Examiner	Date	••	
Signature	Considered		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (04-03)

Approved for use through 10/31/2002. OMB 0551-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form	1449/PTO			Complete if Known		
				Application Number		
INFO	RMATION	N DISC	LOSURE	Filing Date	July 20, 2006	
STATEMENT BY APPLICANT				First Named Inventor	Takashi AZUMA et al.	
				Group Art Unit		
(use as many sh	eets as nec	essary)	Examiner Name		
Sheet	2	of	2	Attorney Docket Number	520.46411X00	

Cita	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the	١ -
No.	item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ²
	V.L. Newhouse et al., SECOND HARMONIC DOPPLER ULTRASOUND BBLOD PERFUSION MEASUREMENT, 1992 IEEE ULTRASONICS SYMPOSIUM, P. 1175-1177	
<u> </u>	W. WILKENING et al. OPTIMIZED RECEIVE FILTERS AND PHASE-CODED PULSE SEQUENCES FOR CONTRAST AGENT AND NONLINEAR IMAGING, 2001 IEEE ULTRASONICS SYMPOSIUM P. 1733-1737	
	S. Umemura et al., TRIPLEET PULSE SEQUNCE FOR SUPERIOR MICROBUBBLE/TISSUE CONTRAST, 2003 IEEE ULTRASONICS SYMPOSIUM, P. 429-432	
	S. Umemura et al., Enhancement of Sonodynamic Tissue Damage Production by Second-Harmonic Superimposition: Theoretical Analysis of its Mechanism, IEEE TRANSACTION ON ULTRASONICS, FEROELECTRICS, AND FREQUENCY CONTROL, VOL. 43, NO. 6, (1996) P. 1054-1062	
		
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	Cite No.	No. item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. V.L. Newhouse et al., SECOND HARMONIC DOPPLER ULTRASOUND BBLOD PERFUSION MEASUREMENT, 1992 IEEE ULTRASONICS SYMPOSIUM, P. 1175-1177 W. WILKENING et al. OPTIMIZED RECEIVE FILTERS AND PHASE-CODED PULSE SEQUENCES FOR CONTRAST AGENT AND NONLINEAR IMAGING, 2001 IEEE ULTRASONICS SYMPOSIUM P. 1733-1737 S. Umemura et al., TRIPLEET PULSE SEQUINCE FOR SUPERIOR MICROBUBBLE/TISSUE CONTRAST, 2003 IEEE ULTRASONICS SYMPOSIUM, P. 429-432 S. Umemura et al., Enhancement of Sonodynamic Tissue Damage Production by Second-Harmonic

Examiner	Date	
Signature	Considered	

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